 This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

Note: This is legacy API call. It is recommended to use 32-bit equivalent

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MouGetScaleFact

This call returns a pair of 1-word scaling factors for the current mouse device.

Syntax

MouGetScaleFact (ScaleStruct, DeviceHandle)

Parameters

- ScaleStruct (PSCALEFACT) - output: Address of the control block structure that contains the current row and column coordinate scaling factors.

See MouSetScaleFact for more information.

- DeviceHandle (HMOU) - input: Contains the handle of the mouse device obtained from a previous MouOpen.

Return Code

rc (USHORT) - return:Return code descriptions are:

- 0 NO_ERROR
- 385 ERROR_MOUSE_NO_DEVICE
- 466 ERROR_MOU_DETACHED
- 501 ERROR_MOUSE_NO_CONSOLE
- 505 ERROR_MOU_EXTENDED_SG

Remarks

The units of the scale factor depend on the mode of the display screen for the session. If the screen is operating in text mode, the scaling units are relative to characters. If the screen is operating in graphics mode, the scaling units are relative to pels.

Bindings

C

```
typedef struct _SCALEFACT { /* mousc */
  USHORT rowScale;          /* row scaling factor */
  USHORT colScale;          /* column coordinate scaling factor */
} SCALEFACT;

#define INCL_MOU

USHORT  rc = MouGetScaleFact(ScaleStruct, DeviceHandle);

PSCALEFACT ScaleStruct;   /* 2-word structure */
HMOU       DeviceHandle;  /* Mouse device handle */

USHORT     rc;            /* return code */
```

MASM

```
SCALEFACT struc
  mousc_rowScale  dw  ? ;row scaling factor
  mousc_colScale  dw  ? ;column coordinate scaling factor
SCALEFACT ends

EXTRN  MouGetScaleFact:FAR
INCL_MOU            EQU 1

PUSH@  OTHER   ScaleStruct   ;2-word structure
PUSH   WORD    DeviceHandle  ;Mouse device handle
CALL   MouGetScaleFact

Returns WORD
```

Family API		
DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals	DosHoldSignal DosSetSigHandler
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD		KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek
VIO		VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp
Tools		BIND
Modules		DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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